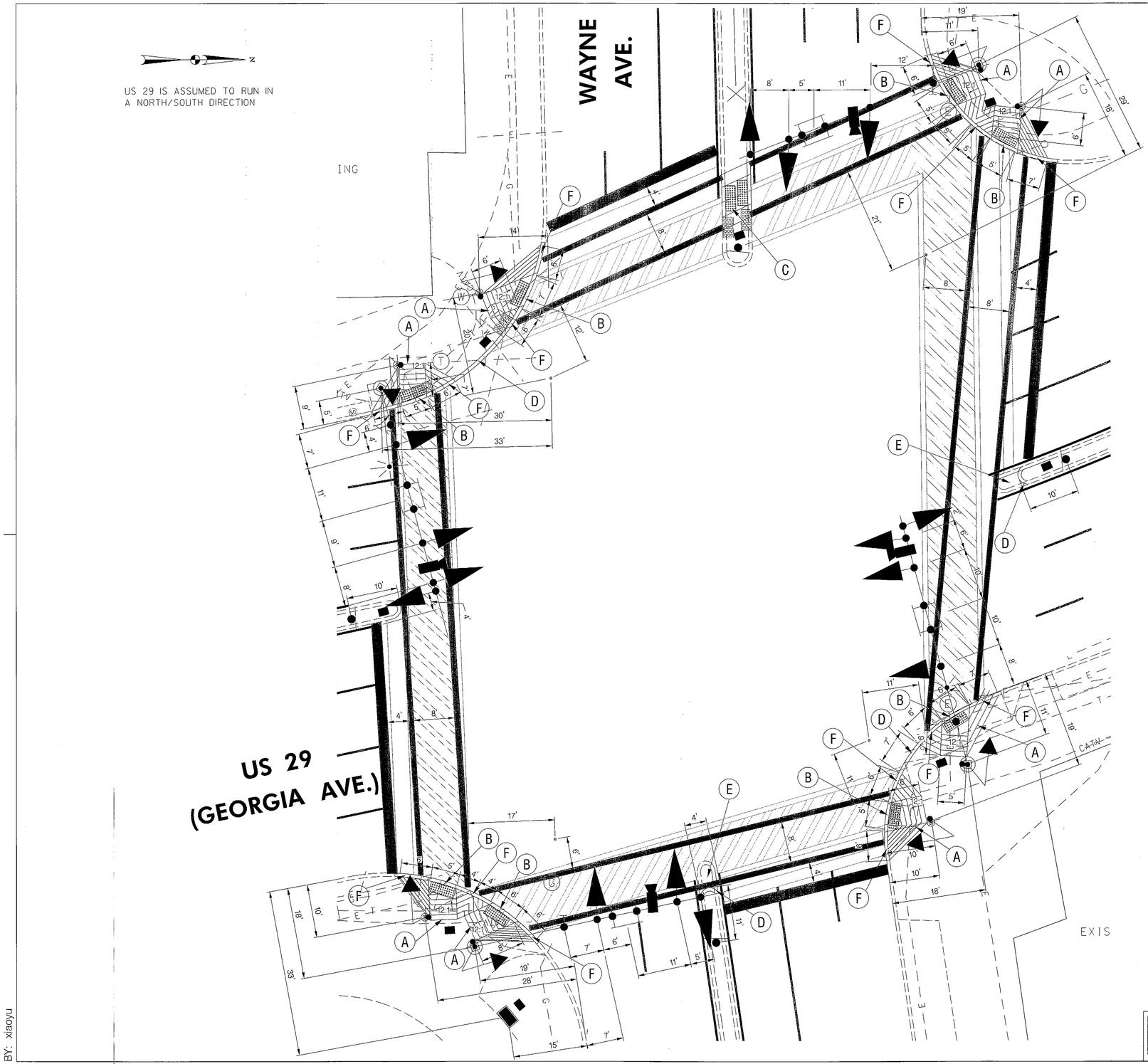

APS NOTES

1. PUSH BUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSH BUTTONS IS TO BE MEASURED FROM FACE OF PUSH BUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSH BUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:

   TO CROSS GEORGIA AVENUE
   A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
   "WAIT TO CROSS GEORGIA AT WAYNE."
   B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

   TO CROSS WAYNE AVENUE
   A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
   "WAIT TO CROSS WAYNE AT GEORGIA."
   B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.
6. ALL TRUNCATED DOMES (ON DETECTABLE WARNING SURFACES) ARE TO BE INSTALLED TO ALIGN WITH THE CROSSWALK.

GEOMETRIC CONSTRUCTION DETAILS:

A. INSTALL PERPENDICULAR SIDEWALK RAMP (STD. NO. MD 655.11) WITH DETECTABLE WARNING SURFACE (STD. NO. MD 655.40)
B. INSTALL DEPRESSED STANDARD TYPE A COMBINATION CURB AND GUTTER (STD. NO. MD 620.02), AND TIE IT TO EXISTING CURB AND GUTTER.
C. REMOVE EXISTING CUT-THROUGH AND INSTALL NEW CUT-THROUGH MEDIAN AND ISLAND OPENINGS (MD STD. 655.21).
D. INSTALL CURB AND GUTTER AND TIE TO EXISTING CURB.
E. PATCH WITH HMA SUPPAV 19.0mm FDP PG 64-22 LEV 4 (STD. SPECS. FOR CONSTRUCTION AND MATERIALS 505)
F. INSTALL STANDARD TYPE A CATCH-UP CURB AND GUTTER (STD. NO. MD 620.02)

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

US 29 (GEORGIA AVE) AT WAYNE AVE
TRAFFIC SIGNAL DESIGN
SILVER SPRING, MD

GEOMETRIC PLAN SHEET

SCALE 1" = 10' | DATE 07/2009 | CONTRACT NO. MO2165168

DESIGNED BY MS | COUNTY MONTGOMERY
DRAWN BY MS | LOGMILE 15002900.67
CHECKED BY JB | TIMS NO. J721
F.A.P. NO. | TOD NO.

TS NO. 4195D | DRAWING – 2 OF 3 | SHEET NO. 3 OF 26

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